

Docket No.: 070456-0109

PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|                                   |   |                                  |
|-----------------------------------|---|----------------------------------|
| In re Application of              | : | Customer Number: 20277           |
| Kikuo MAEDA, et al.               | : | Confirmation Number: Not Yet     |
| Assigned                          | : |                                  |
| Application No.: Not Yet Assigned | : | Group Art Unit: Not Yet Assigned |
| Filed: April 06, 2006             | : | Examiner: Not Yet Assigned       |

For: MANUFACTURING METHOD OF THIN COMPONENT, BEARING RING,  
THRUST NEEDLE ROLLER BEARING, MANUFACTURING METHOD OF  
ROLLING BEARING RING, ROLLING BEARING RING, AND ROLLING BEARING

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed with the application and no certification or fee is required.

A copy of the foreign search report is attached for the Examiner's information. Please note this is a PCT application in the entry of the National Phase in the U.S. and copies of the references cited were transmitted by WIPO and are believed to be in the file of

JAP15 Rec'd PCT/PTO 06 APR 2006

the above identified application and readily available to the Examiner. Therefore it is believed that Applicants have met all requirements regarding duty of disclosure under 37 CFR 1.56. Acknowledgement and consideration of these documents are respectfully requested.

Since the Search Report was from the JPO search authorities, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above identified application and readily available to the Examiner.

Respectfully submitted,

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**Date: April 6, 2006**

**Please recognize our Customer No. 20277  
as our correspondence address.**

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(PTO-1449)

ATTY. DOCKET NO.  
070456-0109

STATUS  
Not Yet Assigned

APPLICANT **Kikuo MAEDA, et al.**

FILING DATE  
**April 06, 2006**

GROUP 1793  
~~Not Yet Assigned~~

## U.S. PATENT DOCUMENTS

| EXAMINER'S INITIALS | CITE NO. | Document Number<br>Number-Kind Code (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|---------------------|----------|--|--------------------------------|---|---|
| J.Y.J.              |          | US 6,093,268                                   | 07/25/2000                     | Hirakawa et al.                                 |   |
| J.Y.J.              |          | US 6,248,287                                   | 06/19/2001                     | Hirakawa et al.                                 |   |
| J.Y.J.              |          | US 6,149,860                                   | 11/21/2000                     | Furukawa et al.                                 |   |

## FOREIGN PATENT DOCUMENTS

| EXAMINER'S INITIALS | CITE NO. | Foreign Patent Document<br>Country Code-Number + Kind<br>Codes (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines<br>Where Relevant<br>Figures Appear | Translation<br>Yes No             |
|---------------------|----------|---|--------------------------------|---|---|-----------------------------------|
| J.Y.J.              |          | JP 09-296214  | 11/18/1997                     | AISIN SEIKI CO LTD                              |   | JAPAN (w/<br>English<br>Abstract) |
|                     |          | JP 2003-231915  | 08/19/2003                     | JFE STEEL KK                                    |   | JAPAN (w/<br>English<br>Abstract) |
|                     |          | WO 96/06194   | 02/29/1996                     | NIPPON SEIKO<br>KABUSHIKI KAISHA                |   | JAPAN (w/<br>English<br>Abstract) |
|                     |          | JP 11-029821  | 02/02/1999                     | NTN CORP  |   | JAPAN (w/<br>English<br>Abstract) |
|                     |          | JP 2002-139067  | 05/17/2002                     | NSK LTD   |   | JAPAN (w/<br>English<br>Abstract) |
|                     |          | JP 06-179920  | 06/28/1994                     | FUJI DENSHI<br>KOGYO KK                         |   | JAPAN (w/<br>English<br>Abstract) |
|                     |          | JP 09-302416  | 11/25/1997                     | DAI ICHI HIGH<br>FREQUENCY CO<br>LTD            |   | JAPAN (w/<br>English<br>Abstract) |
|                     |          | JP 2001-214213  | 08/07/2001                     | FUJI ELECTRONICS<br>INDUSTRY CO LTD             |   | JAPAN (w/<br>English<br>Abstract) |
|                     |          | JP 2003-055713  | 02/26/2003                     | DENKI KOGYO CO<br>LTD                           |   | JAPAN (w/<br>English<br>Abstract) |
| J.Y.J.              |          | JP 07-216456  | 08/15/1995                     | HIGH FREQUENCY<br>HEATTREAT CO LTD              |   | JAPAN (w/<br>English<br>Abstract) |

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| EXAMINER'S INITIALS    | CITE NO. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |
|------------------------|----------|---|
|                        |          |   |
| EXAMINER<br>/Jie Yang/ |          | DATE CONSIDERED<br>07/03/2008   |

SHEET 1 OF 1 \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.